ELSEVIER

Information Processing Letters 73 (2000) 227, 228

Information Processing Letters

www.elsevier.com/locate/ipl

Subject Index Volume 73 (2000)

Acyclic orientations 221
Agreement 69
Algorithms 17, 87, 111, 119, 125, 145, 199
Analysis of algorithms 61
Approximation algorithms 17
Asynchronous distributed systems 207
Attribute grammars 175
Automata 23

Banach–Mazur game 167
Binary trees 87
Boxes 213
Broadcasting 131

Catastrophic faults 31
Causal ordering 169
Chordal graph 181
Circular-arc graph 181
Combinatorial problems 29, 77, 153, 163
Competitive analysis 61
Computational complexity 153, 167, 213
Computational geometry 33
Computational learning 213
Computer architecture 189
Concentration of measure 47
Concurrency 169
Connectivity 5
Consensus 207
Convex polygon 33
Crash failure 207
Cryptography 93, 97
Curse of dimensionality 47

Data security 97
Data structures 47
Deadlock-free packet routing 221
Dimension-ordered routing 103
Distributed algorithms 69
Distributed systems 169, 207
Document filtering 29

Enumerative combinatorics 77
Error-correcting codes 119
Error-detecting codes 41
Explicit constructions 29

Fault containment 41, 145
Fault tolerance 41
Feasibility test 157
Formal languages 1, 23, 175

Geometric objects 213
Gossiping 131
Grammatical inference 1
Graph algorithms 181
Graph rewriting 53
Group signature 93

Hamiltonian graphs 153

Identification in the limit 1
Information retrieval 29
Interconnection networks 5, 131, 221
Intersection graph 181
Interval graph 181

Kolmogorov complexity 11

Labeled connected graphs 77
Lattice 87
Linear single-tree languages 1

Maximum clique 181
Maximum independent set 181
Membership queries 213
Mesh multicomputers 103
Min-wise independent permutations 29
Modularity 53
Multiple Subset Sum Problem 111
Multivariate generating functions 77

Noisy computation 69

On-line algorithms 61
Optimization 33

Elsevier Science B.V.

PAC learning 11, 213
Pancyclic graphs 153
Parallel processing 103, 189
Parameterized complexity 125
Periodic task sets 157
Polygon-circle graph 181
Priority scheduling 145
Pseudorandom permutations 29
PTAS 111

Query learning 11

Randomized algorithms 137
Rate monotonic scheduling 157
Real-time systems 157
Redundant arrays 199
Relaxed triangle inequality 17
Reliable broadcast 207
Residue Number System 189
Resource-bounded category 167
Resource-bounded measure 167
Reverse search 137
Rotation 87

Scheduling 61
Search strategies 119
Searching with errors 119
Self-stabilization 41
Similarity search 47
Spanning trees 145, 163
Stabilization 145
Switching classes 153
Synchronous systems 157

Task migration 103
Term rewriting 53
Testing schemes 199
Theory of computation 11, 23, 53
Traveling salesman problem 17
Tree automata 175
Tree estimation 137
Triangulation 87

User hierarchy 97

Vertex estimation 137

Wormhole routing 103

ELSEVIER

Information Processing Letters 73 (2000) 229, 230

Information Processing Letters

www.elsevier.com/locate/ipl

Author Index Volume 73 (2000)

Avis, D. and **L. Devroye**, Estimating the number of vertices of a polyhedron 73 (2000) 137

Beimel, A. and **E. Kushilevitz**, Learning unions of high-dimensional boxes over the reals 73 (2000) 213
Bender, M.A. and **C. Chekuri**, Performance guarantees for the TSP with a parameterized triangle inequality 73 (2000) 17

Caprara, A., H. Kellerer and **U. Pferschy**, A PTAS for the Multiple Subset Sum Problem with different knapsack capacities 73 (2000) 111
Castro, J. and **D. Guijarro**, PACS, simple-PAC and query learning 73 (2000) 11
Chekuri, C., see **Bender, M.A.** 73 (2000) 17
Chen, L. and **N. Tokuda**, A note on "Category and measure in complexity classes" 73 (2000) 167
Chen, T.-S., Task migration in 2D wormhole-routed mesh multicomputers 73 (2000) 103
Cheng, E. and **M.J. Lipman**, On the Day–Tripathi orientation of the star graphs: Connectivity 73 (2000) 5
Cicalese, F. and **U. Vaccaro**, An improved heuristic for the "Ulam–Rényi game" 73 (2000) 119

Davis, R., see **McKellar, S.** 73 (2000) 169
Devillers, R. and **J. Goossens**, Liu and Layland's schedulability test revisited 73 (2000) 157
Devroye, L., see **Avis, D.** 73 (2000) 137
Dimauro, G., S. Impedovo, G. Pirlo and **A. Salzo**, RNS architectures for the implementation of the 'diagonal function' 73 (2000) 189

Ehrenfeucht, A., J. Hage, T. Harju and **G. Rozenberg**, Pancyclicity in switching classes 73 (2000) 153

Feige, U. and **J. Kilian**, Finding OR in a noisy broadcast network 73 (2000) 69
Fertin, G., Hierarchical broadcast and gossip networks 73 (2000) 131
Fülöp, Z. and **S. Maneth**, Domains of partial attributed tree transducers 73 (2000) 175

Gambosi, G. and **G. Nicosia**, On-line scheduling with setup costs 73 (2000) 61
Gavril, F., Maximum weight independent sets and cliques in intersection graphs of filaments 73 (2000) 181
Ghosh, S. and **X. He**, Fault-containing self-stabilization using priority scheduling 73 (2000) 145
Goldmann, M., A. Russell and **D. Thérien**, An ergodic theorem for read-once non-uniform deterministic finite automata 73 (2000) 23
Goossens, J., see **Devillers, R.** 73 (2000) 157
Guijarro, D., see **Castro, J.** 73 (2000) 11

Hage, J., see **Ehrenfeucht, A.** 73 (2000) 153
Harju, T., see **Ehrenfeucht, A.** 73 (2000) 153
He, X., see **Ghosh, S.** 73 (2000) 145
Herman, T. and **S. Pemmaraju**, Error-detecting codes and fault-containing self-stabilization 73 (2000) 41
Hwang, M.-S., Cryptanalysis of YCN key assignment scheme in a hierarchy 73 (2000) 97

Impedovo, S., see **Dimauro, G.** 73 (2000) 189

Kaneko, A. and **K. Yoshimoto**, On spanning trees with restricted degrees 73 (2000) 163
Kellerer, H., see **Caprara, A.** 73 (2000) 111
Kilian, J., see **Feige, U.** 73 (2000) 69
Kim, S.K., C.-S. Shin and **T.-C. Yang**, Placing two disks in a convex polygon 73 (2000) 33
Kushilevitz, E., see **Beimel, A.** 73 (2000) 213

Lipman, M.J., see **Cheng, E.** 73 (2000) 5

Mäkinen, E., On inferring linear single-tree languages 73 (2000) 1
Maneth, S., see **Fülöp, Z.** 73 (2000) 175
McKellar, S. and **R. Davis**, Redundancy removal in multicast protocols 73 (2000) 169
Mostefaoui, A., M. Raynal and **F. Tronel**, From Binary Consensus to Multivalued Consensus in asynchronous message-passing systems 73 (2000) 207

Elsevier Science B.V.

Nayak, A., **J. Ren** and **N. Santoro**, An improved testing scheme for catastrophic fault patterns 73 (2000) 199
Nicosia, G., see **Gambosi, G.** 73 (2000) 61
Niedermeier, R. and **P. Rossmanith**, A general method to speed up fixed-parameter-tractable algorithms 73 (2000) 125

Ohlebusch, E., A uniform framework for term and graph rewriting applied to combined systems 73 (2000) 53

Pallo, J., An efficient upper bound of the rotation distance of binary trees 73 (2000) 87
Pemmaraju, S., see **Herman, T.** 73 (2000) 41
Pestov, V., On the geometry of similarity search: Dimensionality curse and concentration of measure 73 (2000) 47
Pferschy, U., see **Caprara, A.** 73 (2000) 111
Pirlo, G., see **Dimauro, G.** 73 (2000) 189

Ravelomanana, V. and **L. Thimonier**, Patchworks and metablocks enumeration 73 (2000) 77
Raynal, M., see **Mostefaoui, A.** 73 (2000) 207
Ren, J., see **Nayak, A.** 73 (2000) 199
Rossmanith, P., see **Niedermeier, R.** 73 (2000) 125
Rozenberg, G., see **Ehrenfeucht, A.** 73 (2000) 153
Russell, A., see **Goldmann, M.** 73 (2000) 23

Saeednia, S., On the security of a convertible group signature scheme 73 (2000) 93
Saks, M., **A. Srinivasan**, **S. Zhou** and **D. Zuckerman**, Low discrepancy sets yield approximate min-wise independent permutation families 73 (2000) 29
Salzo, A., see **Dimauro, G.** 73 (2000) 189
Santoro, N., see **Nayak, A.** 73 (2000) 199
Shin, C.-S., see **Kim, S.K.** 73 (2000) 33
Srinivasan, A., see **Saks, M.** 73 (2000) 29
Štefankovič, D., Acyclic orientations do not lead to optimal deadlock-free packet routing algorithms 73 (2000) 221

Thérien, D., see **Goldmann, M.** 73 (2000) 23
Thimonier, L., see **Ravelomanana, V.** 73 (2000) 77
Tokuda, N., see **Chen, L.** 73 (2000) 167
Tronel, F., see **Mostefaoui, A.** 73 (2000) 207

Vaccaro, U., see **Cicalese, F.** 73 (2000) 119

Yang, T.-C., see **Kim, S.K.** 73 (2000) 33
Yoshimoto, K., see **Kaneko, A.** 73 (2000) 163

Zhou, S., see **Saks, M.** 73 (2000) 29
Zuckerman, D., see **Saks, M.** 73 (2000) 29